

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: KENNETH I. KOHN  
 KOHN & ASSOCIATES  
 30500 NORTHWESTERN HIGHWAY  
 SUITE 410  
 FARMINGTON, MI 48334

**PCT**

## NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

(PCT Rule 44.1)

<b>Date of Mailing (day/month/year)</b>	<b>26 JUL 2000</b>
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<b>Applicant's or agent's file reference</b> 3068.00052	<b>FOR FURTHER ACTION</b> See paragraphs 1 and 4 below
<b>International application No.</b> PCT/US00/10230	<b>International filing date (day/month/year)</b> 14 APRIL 2000
<b>Applicant</b> WHATMAN, INC.	

1.  The applicant is hereby notified that the international search report has been established and is transmitted herewith.  
**Filing of amendments and statement under Article 19:**  
 The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):  
**When?** The time limit for filing such amendments is normally 2 months from the date of transmittal of the international search report; however, for more details, see the notes on the accompanying sheet.  
**Where?** Directly to the International Bureau of WIPO  
 34, chemin des Colombettes  
 1211 Geneva 20, Switzerland  
 Facsimile No.: (41-22) 740.14.35  
 For more detailed instructions, see the notes on the accompanying sheet.
2.  The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.
3.  With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:  
 the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.  
 no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.
4. **Further action(s):** The applicant is reminded of the following:  
 Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in rules 90 bis 1 and 90 bis 3, respectively, before the completion of the technical preparations for international publication.  
 Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).  
 Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

<b>Name and mailing address of the ISA/US</b> Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231  <b>Facsimile No.</b> (703) 305-3230	<b>Authorized officer</b> Cynthia Wilder  Telephone No. (703) 308-0196
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## PATENT COOPERATION TREATY

From the RECEIVING OFFICE

**PCT****NOTIFICATION RE  
TO PRIORITY CLAIM**(PCT Rules 26bis.1 and 26bis.2 and  
Administrative Instructions, Sections 302 and 314)

To: <b>KENNETH I. KOHN KOHN &amp; ASSOCIATES 30500 NORTHWESTERN HIGHWAY SUITE 410 FARMINGTON, MI 48334</b>	Date of mailing (day/month/year) <b>04 AUG 2000</b>
Applicant's or agent's file reference <b>3068.00052</b>	<b>IMPORTANT NOTIFICATION</b>
International application No. <b>PCT/US00/10230</b>	International filing date (day/month/year) <b>14 APR 00</b>
Applicant <b>WHATMAN, INC.</b>	

The applicant is hereby notified of the following in respect of the priority claim(s) made in the international application.

1.  **Correction of priority claim.** In accordance with the applicant's notice received on : 25 JULY 2000  
the following priority claim has been corrected to read as follows:  
**US 60/193,556 31 MARCH 2000**
  - even though the indication of the number of the earlier application is missing.
  - even though the following indication in the priority claim is not the same as the corresponding indication appearing in the priority document:
2.  **Addition of priority claim.** In accordance with the applicant's notice received on : \_\_\_\_\_  
the following priority claim has been added:
  - even though the indication of the number of the earlier application is missing.
  - even though the following indication in the priority claim is not the same as the corresponding indication appearing in the priority document:
3.  **As a result of the correction and/or addition of (a) priority claim(s) under items 1 and/or 2, the (earliest) priority date is:**
4.  **The priority claim (see also item 5, below, if applicable) is considered not to have been made because:**
  - the applicant failed to respond to the invitation under Rule 26bis.2(a) (Form PCT/RO/110) within the prescribed time limit.
  - the applicant's notice was received after the expiration of the prescribed time limit under Rule 26bis.1(a).
  - the applicant's notice failed to correct the priority claim so as to comply with the requirements of Rule 4.10.

The applicant may, before the technical preparations for international publication have been completed and subject to the payment of a fee, request the International Bureau to publish, together with the international application, information concerning the priority claim. See Rule 26bis.2(c) and the *PCT Applicant's Guide*, Volume I, Annex B2(1B).
5.  **In case where multiple priorities have been claimed, the above item(s) relate to the following priority claim(s):**
6. **A copy of this notification has been sent to the International Bureau and**
  - to the International Searching Authority**

Name and mailing address of the receiving Office <b>Assistant Commissioner for Patent Box PCT Washington, D.C. 20231 Attn: RO/US Facsimile No. 703-305-3230</b>	Authorized officer <b>Darlene Proctor</b> <i>dp</i> Telephone No. 703-305-3689
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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US00/10230

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01J 1/48; G01N 17/00, 21/64; A01N 1/02; C12Q 1/00  
US CL : 422/87, 91, 82.07, 82.08, 48; 435/2, 4

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 422/87, 91, 82.07, 82.08, 48; 435/2, 4

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Extra Sheet.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,807,527 A (BURGOYNE) 15 September 1998, col. 2-6.	1, 2, 3, 15 -----
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Y	MATSUHISA et al. A simple method for DNS snf RNA blotted on a membrane using a polyethyleneimine-Enzyme conjugate. Journal of Biochemistry. October 1994, Vol. 116, No. 3, pages 478-481, especially page 478, heading "Material and Methods", and pages 480-481, heading "Discussion".	4-11
T, P	WO 00/04195 A1 (LIFE TECHNOLOGIES, INC.) 27 January 2000, see entire reference.	1-11

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents:
- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed
- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*A\* document member of the same patent family

Date of the actual completion of the international search

27 MAY 2000

Date of mailing of the international search report

26 JUL 2000

Name and mailing address of the ISA/US  
Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231  
Facsimile No. (703) 305-3230

Authorized officer  
*Darrell Lawrence* *Seal*  
Cynthia Wilder  
Telephone No. (703) 308-0196

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US00/10230

**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y - A	DEL RIO et al. Reusing the same blood-stained punch for sequential DNA amplification and typing. Biotechniques. June 1996, Vol. 20, No. 6, pages 970-974, see entire reference.	6, 13 ----- 16-17

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US00/10230

**B. FIELDS SEARCHED**

Electronic data bases consulted (Name of data base and where practicable terms used):

STN EXPRESS: MEDLINE, BIOSIS, EMBASE, SCISEARCH, CANCERLIT, WEST 20.0  
search terms: media, matrix, matrices, filter, membrane, substrate, coating, plastic bag, cellophane, container, parafilm, nucleic acid, cellular material, genetic material, lyse, break, separate, DNA, RNA, blood, swab, card, sheet, ball, polyethyleneimine, fluorescent, photometric, indicator, color, peroxidase, nylon, filter media

## NOTES TO FORM PCT/ISA/220 (continued)

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:  
"Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:  
"Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:  
"Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or  
"Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]:  
"Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

### "Statement under Article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

The statement should be brief, it should not exceed 500 words if in English or if translated into English. It should not be confounded with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It should not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

### In what language?

The amendments must be made in the language in which the international application is published. The letter and any statement accompanying the amendments must be in the same language as the international application if that language is English or French; otherwise, it must be in English or French, at the choice of the applicant.

### Consequence if a demand for international preliminary examination has already been filed?

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

### Consequence with regard to translation of the international application for entry into the national phase?

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.